

Recombinant ZIKV(strain Zika SPH2016) E protein(Gly698-Ala794), hFc-tagged

Cat. No. E-2423Z Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Zika virus (strain Zika SPH2016) E_stem (Stem/anchor domain of flavivirus envelope glycoprotein E) (ALU33341.1) (Gly698-Ala794) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Zika
Source	HEK293
ProteinLength	Gly698-Ala794
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Zika virus (strain Zika SPH2016) E_stem (Stem/anchor domain of flavivirus envelope glycoprotein E) consists of 335 amino acids and predicts a molecular mass of 36.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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